Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052020\
Data File : VN061512.D
Acq On : 20 May 2020 19:47
Operator : JC/MD
Sample : PB129002ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB129002ZHE#01

Quant Time: May 21 01:14:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	270627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	498854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	499826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181516	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.88%			
35) Dibromofluoromethane	7.55	113	133773	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.38%			
50) Toluene-d8	10.06	98	625695	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.24%			
62) 4-Bromofluorobenzene	12.37	95	242052	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.90%			
Target Compounds						Qvalue
5) Bromomethane	2.54	94	313	Below Cal	#	34
16) Acetone	3.77	43	8690	Below Cal	#	87
18) Methyl Acetate	4.28	43	2078	Below Cal	#	75
20) Methylene Chloride	4.50	84	11529	3.473	ug/l	91
25) 2-Butanone	6.80	43	1889	1.027	ug/l	100
29) Tetrahydrofuran	7.18	42	356	0.292	ug/l #	29
31) Cyclohexane	7.62	56	5947	Below Cal	#	1
36) 1,1-Dichloropropene	7.63	75	21294	4.565	ug/l #	50
38) Carbon Tetrachloride	7.63	117	28606	6.660	ug/l #	16
43) Isopropyl Acetate	8.12	43	77262	10.472	ug/l #	88
45) 1,2-Dichloropropane	9.24	63	1671	0.475	ug/l #	43
48) Methyl methacrylate	9.14	41	3670	1.077	ug/l #	9
51) 4-Methyl-2-Pentanone	9.95	43	6552	1.630	ug/l	93
54) cis-1,3-Dichloropropene	9.87	75	41626	6.875	ug/l #	57
56) Ethyl methacrylate	10.52	69	1298	0.243	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	6653	1.128	ug/l #	42
59) 2-Hexanone	10.74	43	77482	26.646	ug/l #	50
71) Bromoform	12.38	173	1500	2.527	ug/l #	1
74) N-amyl acetate	12.00	43	2033	0.312	ug/l #	42
76) 1,2,3-Trichloropropane	12.37	75	121035	25.431	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3771	0.259	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.37	75	121035	67.461	ug/l #	12

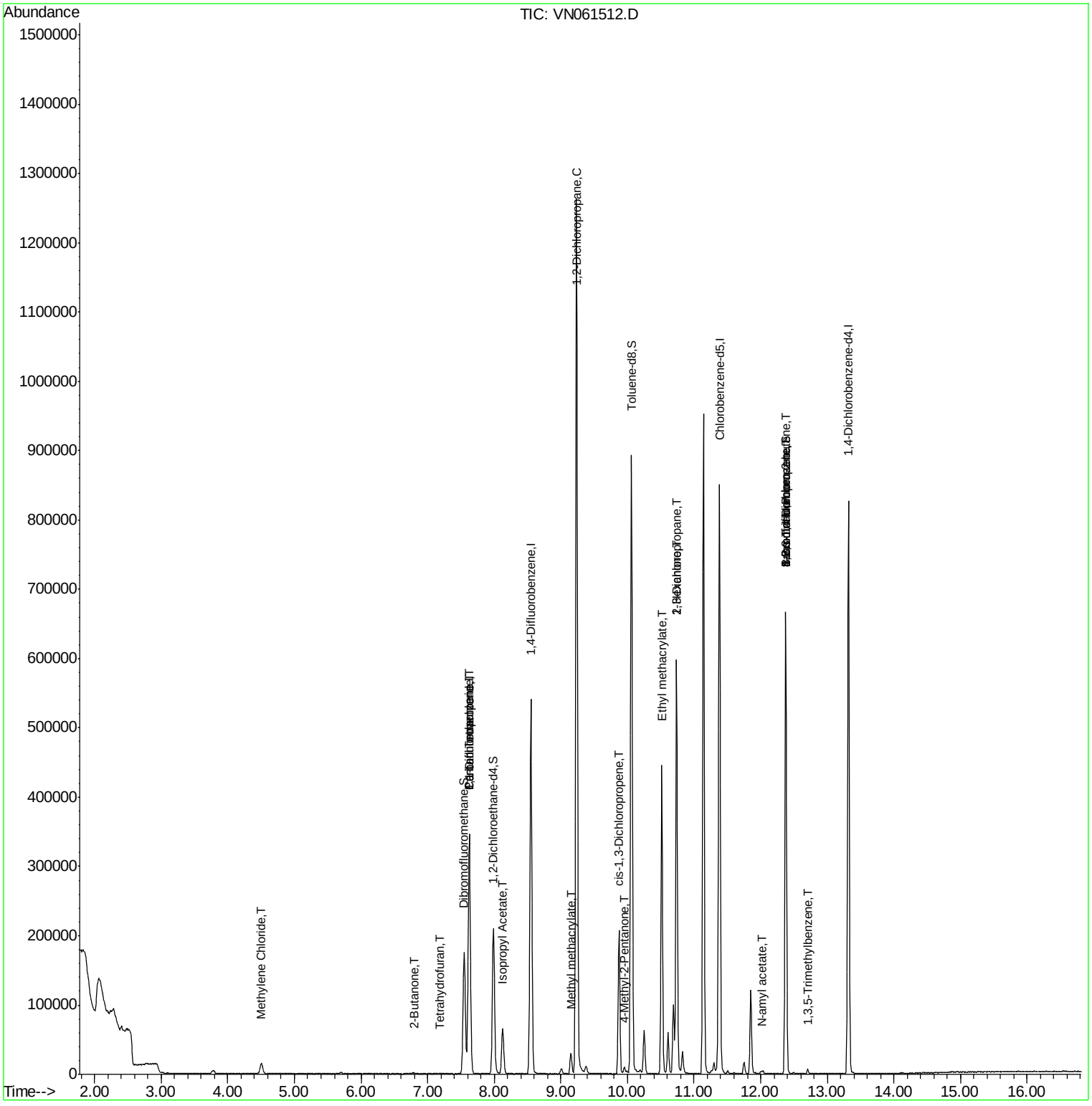
(#) = qualifier out of range (m) = manual integration (+) = signals summed

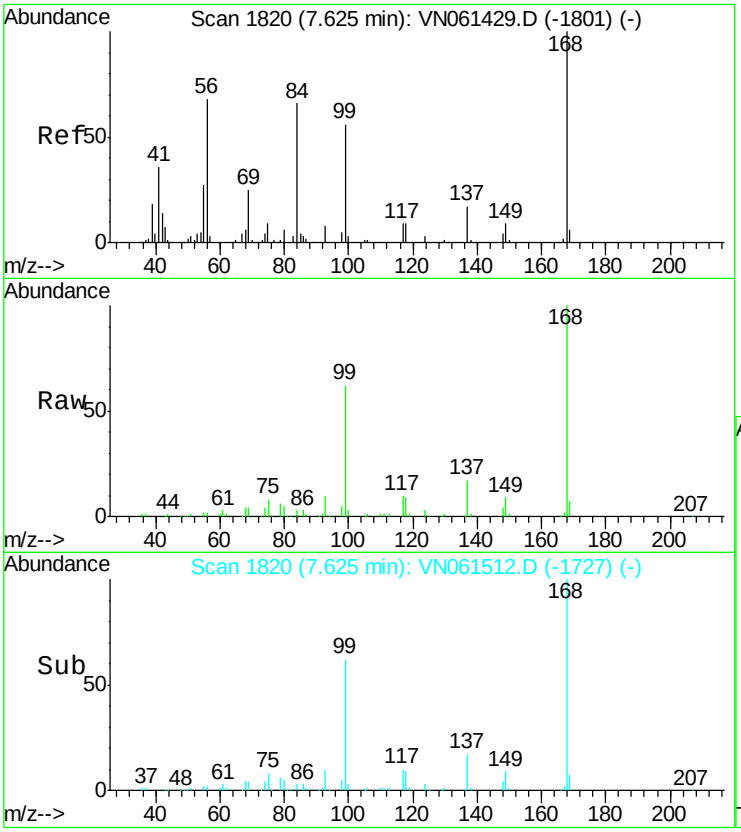
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052020\
Data File : VN061512.D
Acq On : 20 May 2020 19:47
Operator : JC/MD
Sample : PB129002ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Quant Time: May 21 01:14:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration



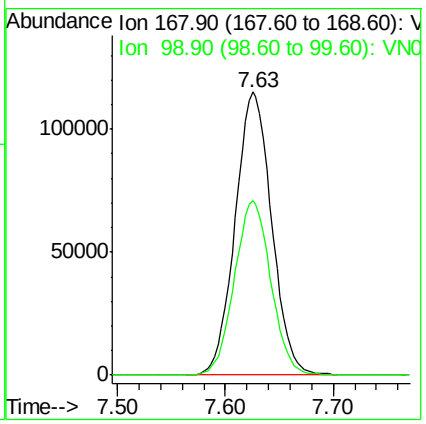


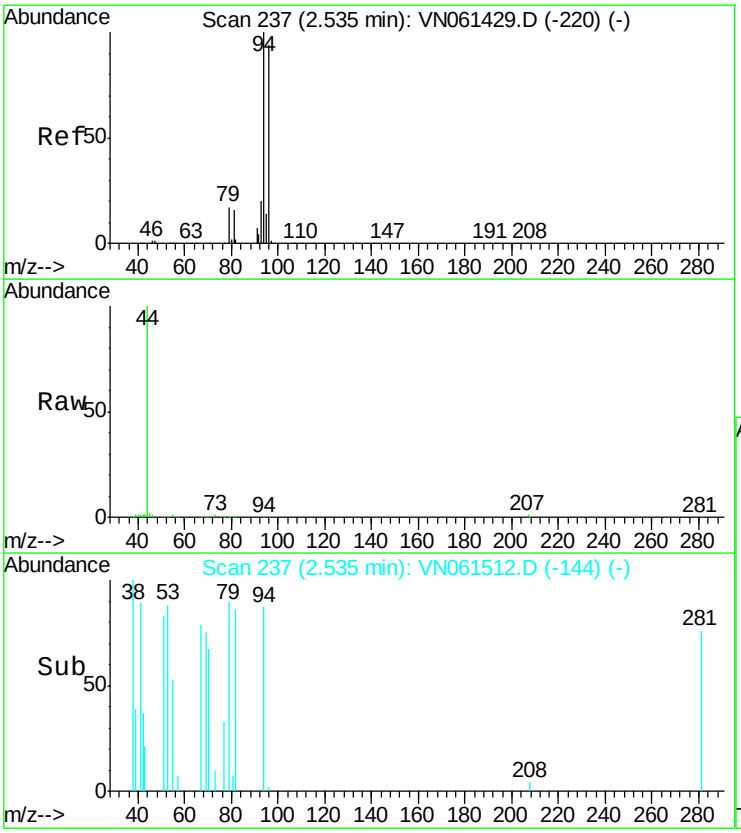
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion:168 Resp: 270627

Ion	Ratio	Lower	Upper
168	100		
99	61.6	51.1	76.7

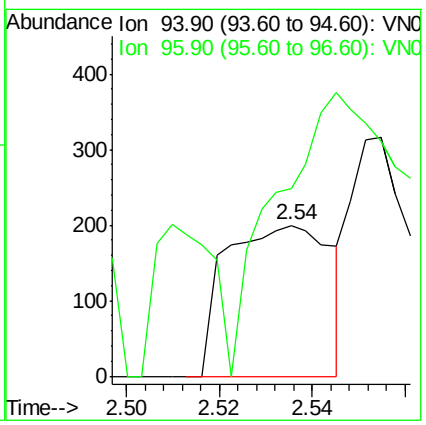


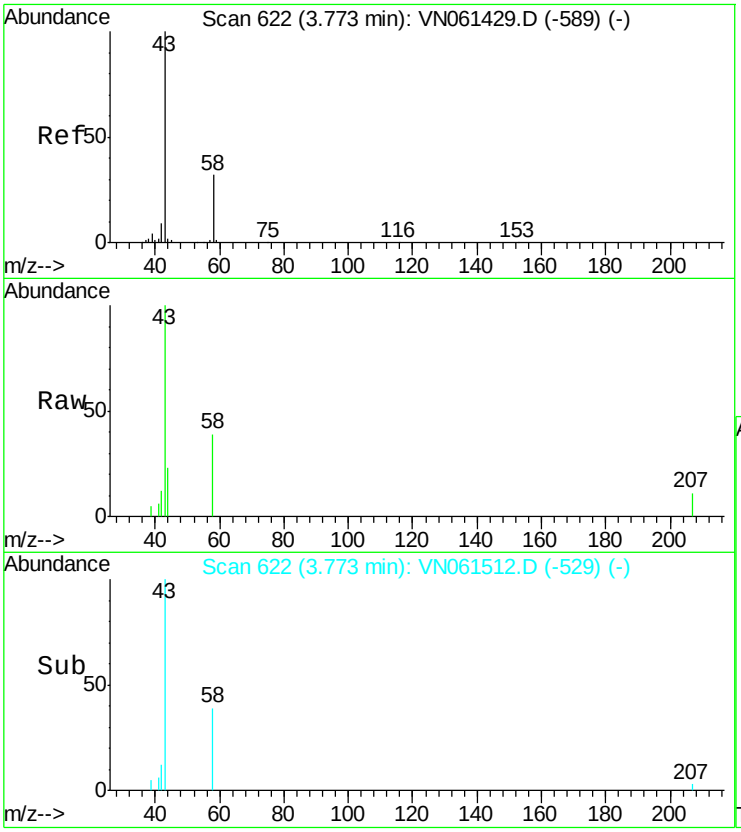


#5
Bromomethane
Concen: Below Cal
RT: 2.54 min Scan# 237
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 94 Resp: 313

Ion	Ratio	Lower	Upper
94	100		
96	30.5	74.9	112.3#



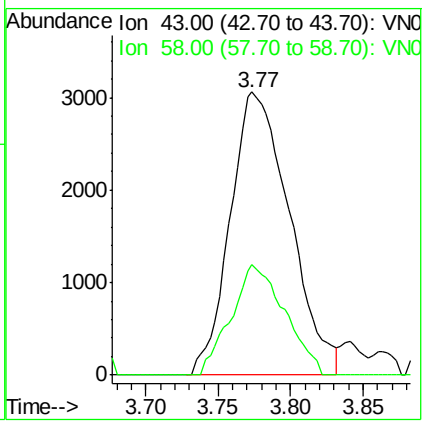


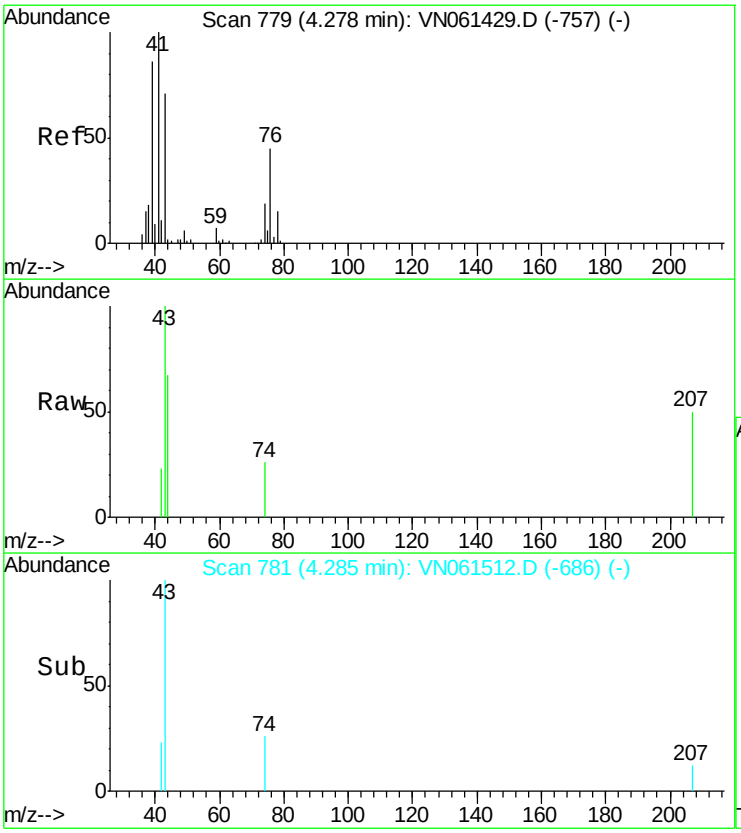
#16
Acetone
Concen: Below Cal
RT: 3.77 min Scan# 622
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion: 43 Resp: 8690

Ion	Ratio	Lower	Upper
43	100		
58	39.0	25.6	38.4#

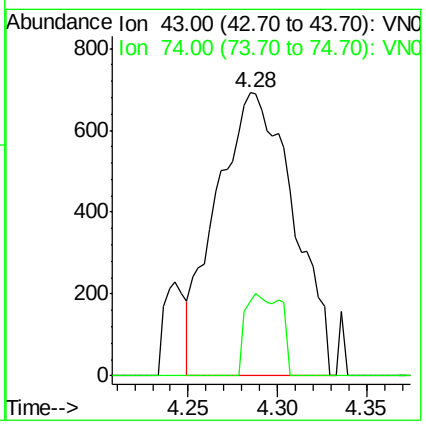


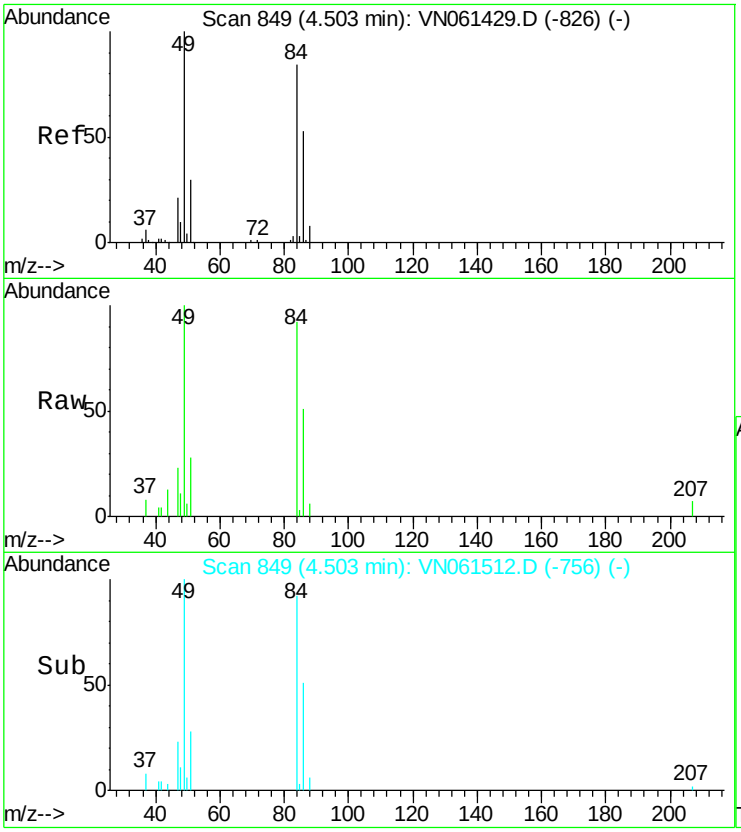


#18
Methyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 43 Resp: 2078

Ion	Ratio	Lower	Upper
43	100		
74	13.4	20.8	31.2#



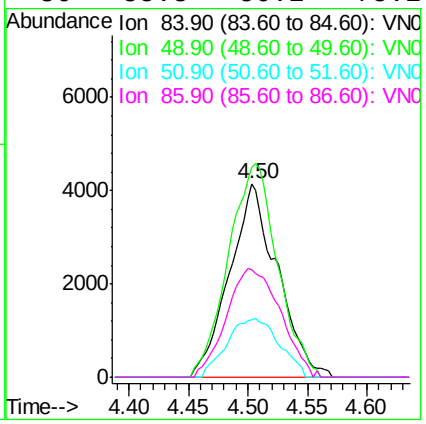


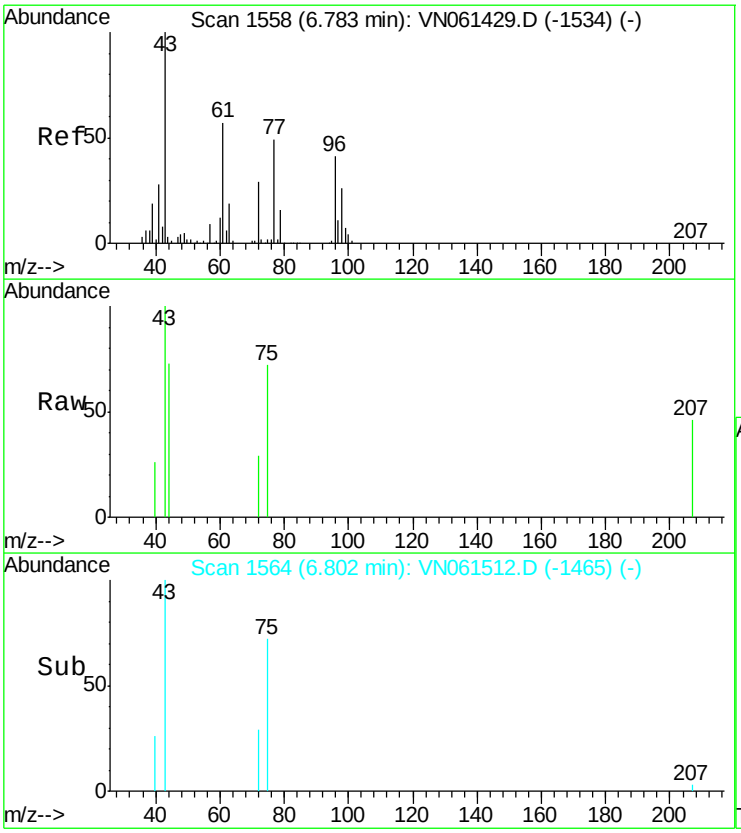
#20
Methylene Chloride
Concen: 3.473 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument : MSVOA_N
ClientSampleId : PB129002ZHE#01

Tgt Ion: 84 Resp: 11529

Ion	Ratio	Lower	Upper
84	100		
49	108.7	95.3	142.9
51	30.1	29.0	43.6
86	55.8	50.2	75.2

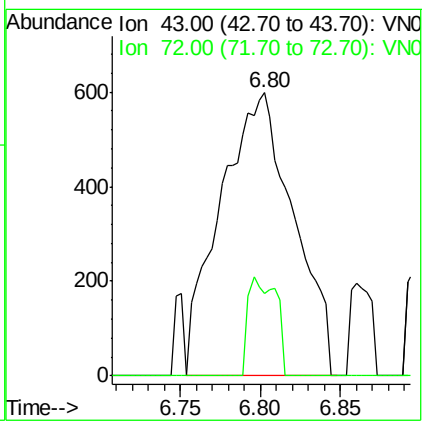


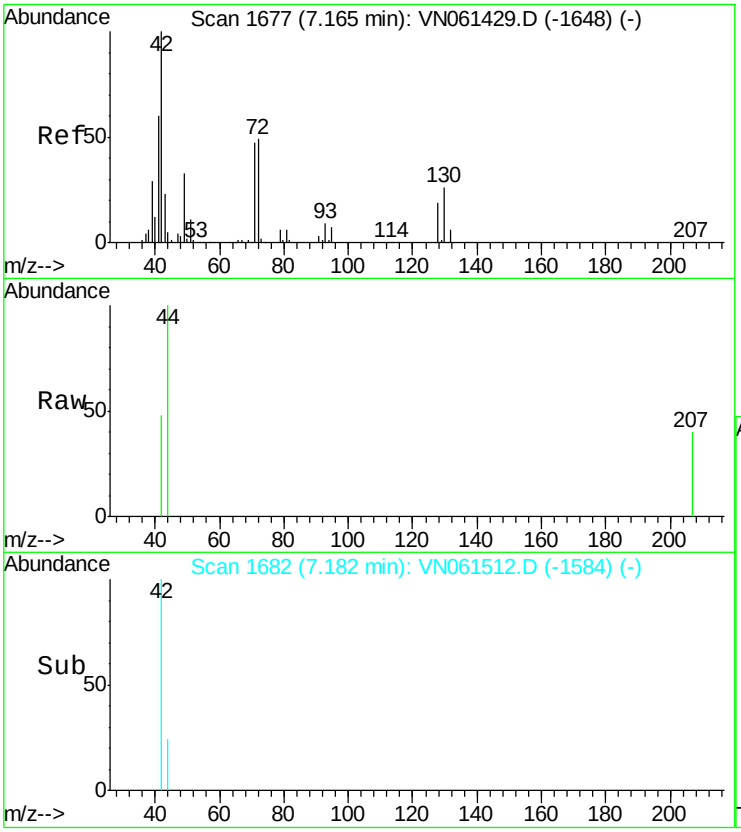


#25
2-Butanone
Concen: 1.027 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.02 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 43 Resp: 1889

Ion	Ratio	Lower	Upper
43	100		
72	28.9	23.0	34.6



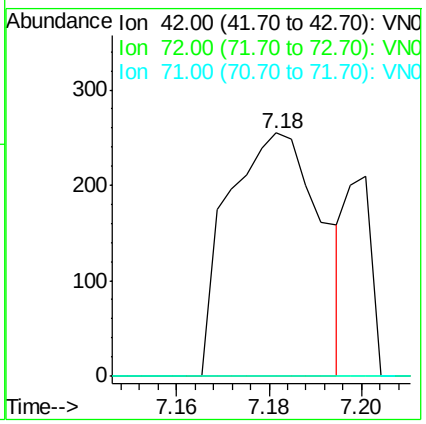


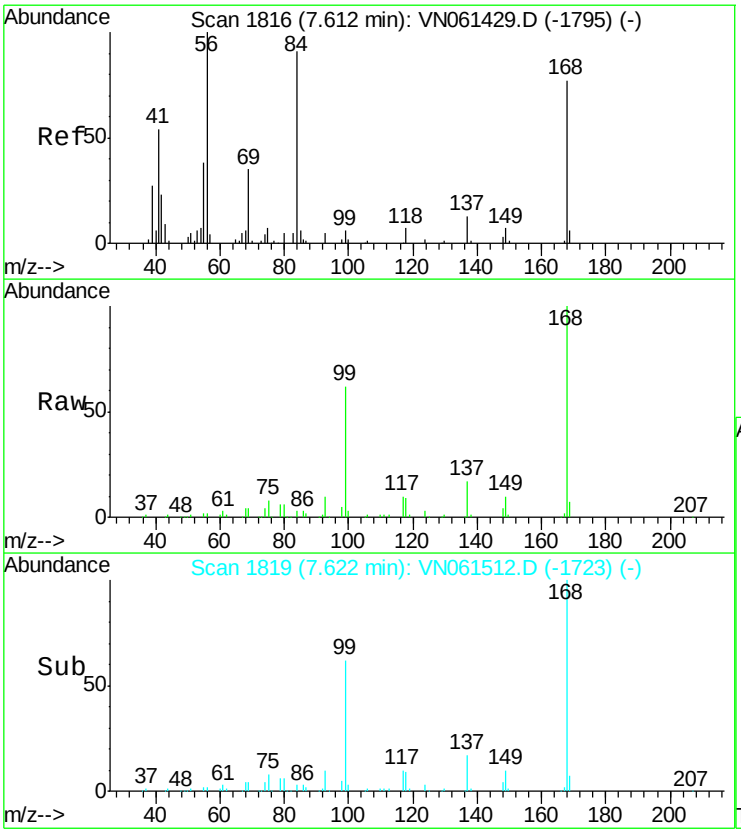
#29
Tetrahydrofuran
Concen: 0.292 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.02 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument : MSVOA_N
ClientSampleId : PB129002ZHE#01

Tgt Ion: 42 Resp: 356

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.0	58.6#
71	0.0	36.9	55.3#

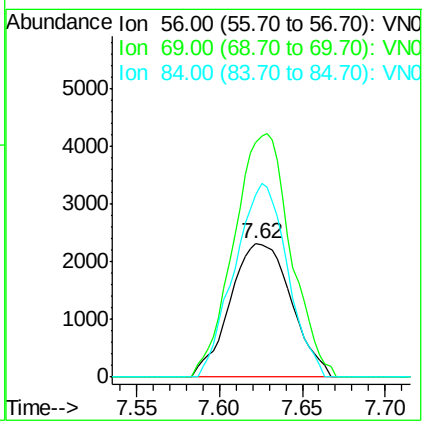


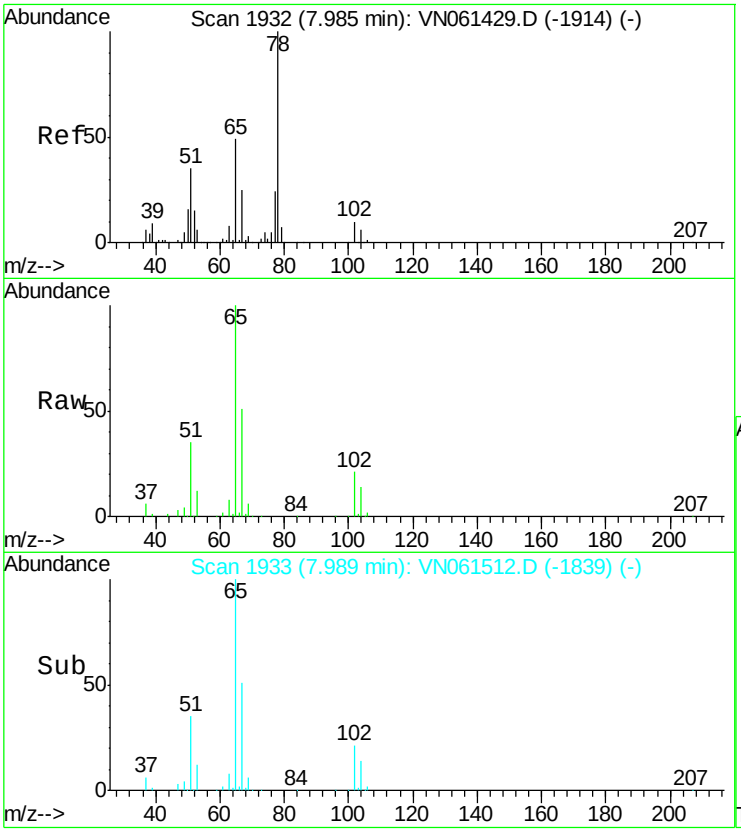


#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 56 Resp: 5947

Ion	Ratio	Lower	Upper
56	100		
69	176.5	27.8	41.6#
84	136.9	72.7	109.1#



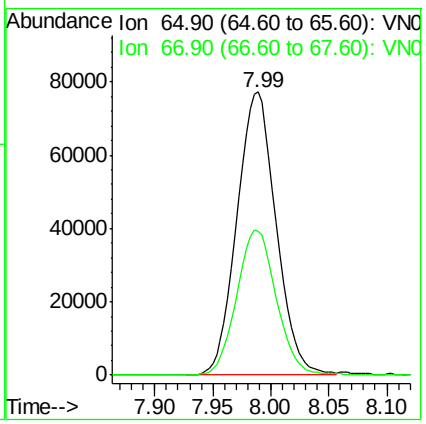


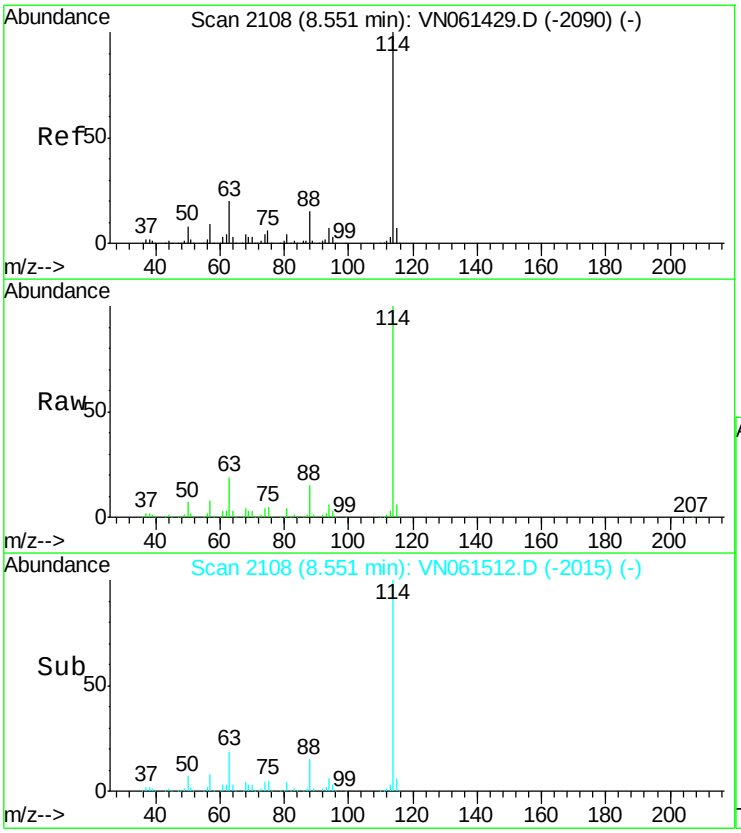
#33
1,2-Dichloroethane-d4
Concen: 44.941 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion: 65 Resp: 181516

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.4

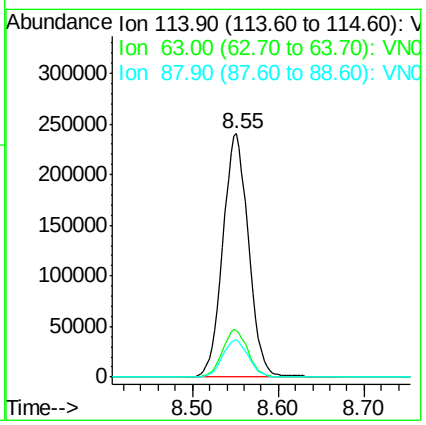


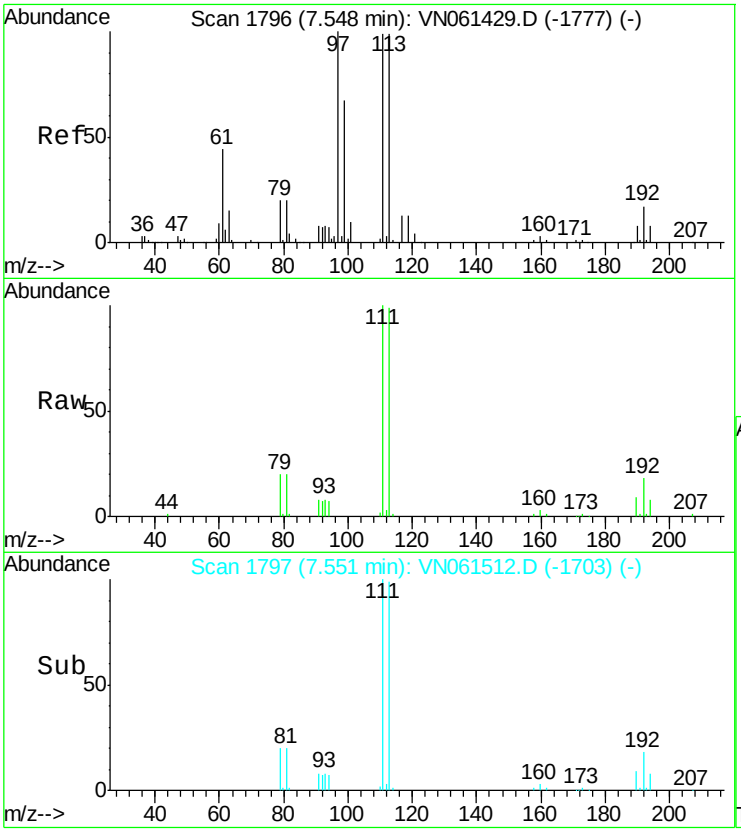


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion:114 Resp: 498854

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.8
88	15.2	0.0	30.8



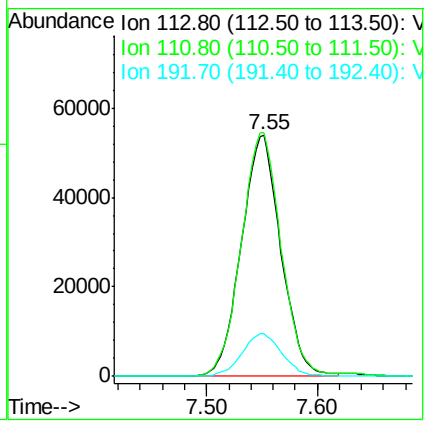


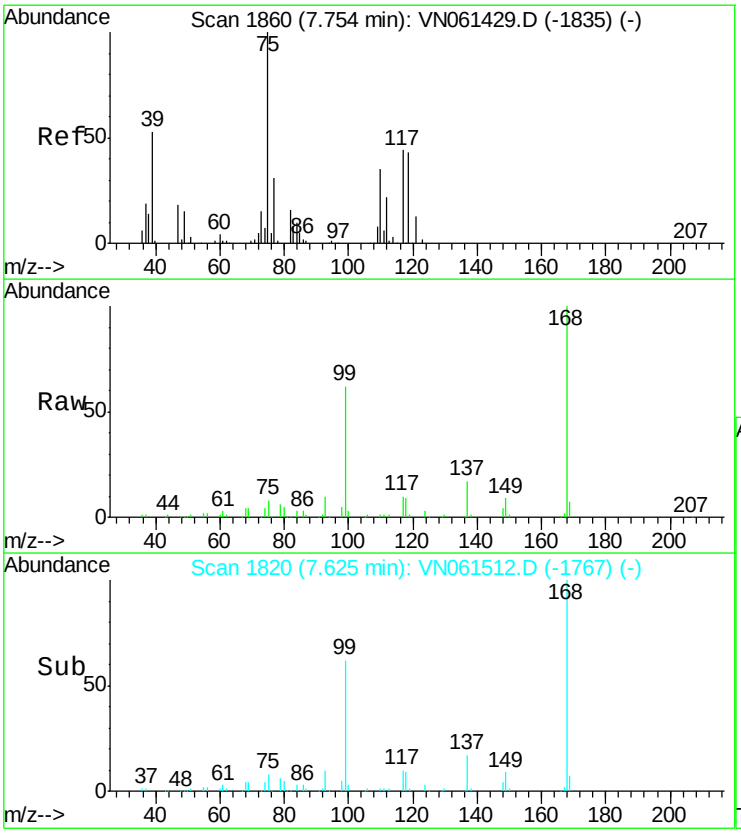
#35
Dibromofluoromethane
Concen: 51.188 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion:113 Resp: 133773

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.6	121.0
192	17.8	13.2	19.8

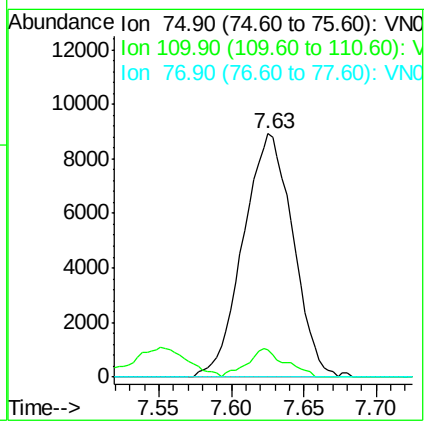


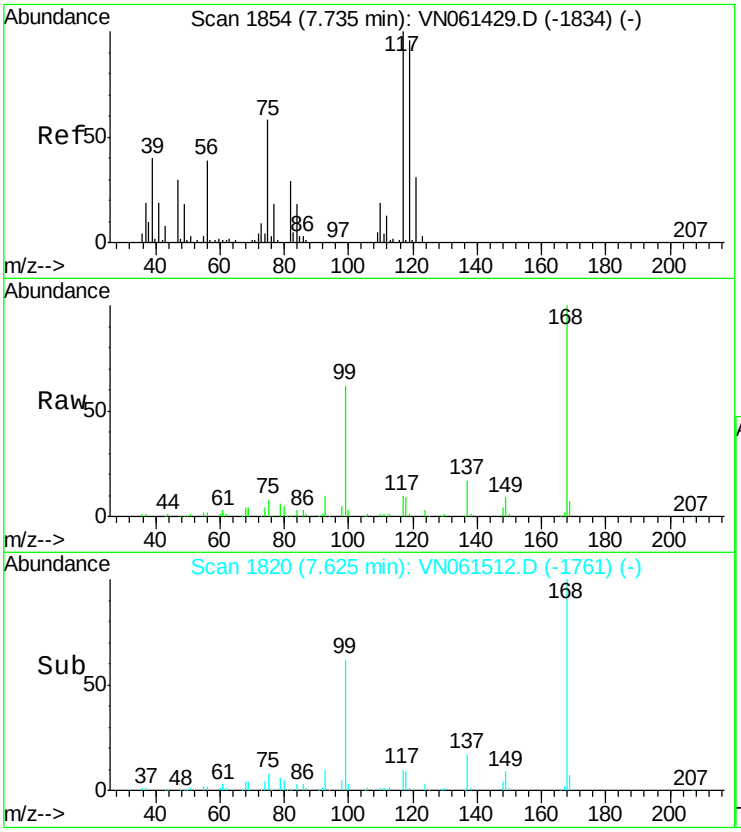


#36
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 75 Resp: 21294

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.3	51.9#
77	0.0	24.9	37.3#



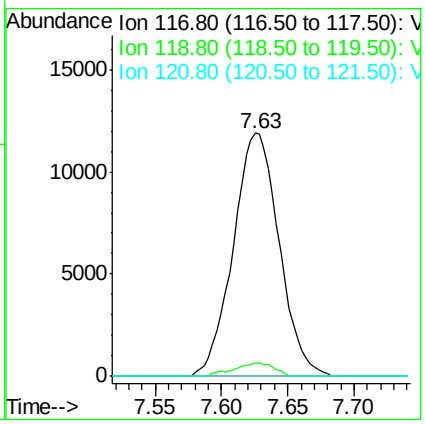


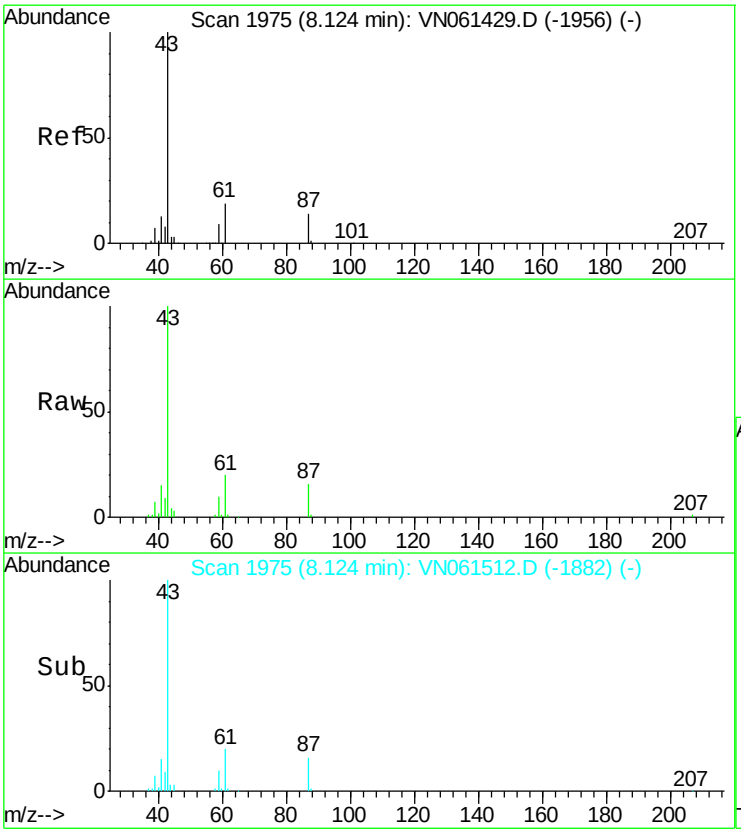
#38
Carbon Tetrachloride
Concen: 6.660 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion:117 Resp: 28606

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.0	115.6#
121	0.0	24.7	37.1#

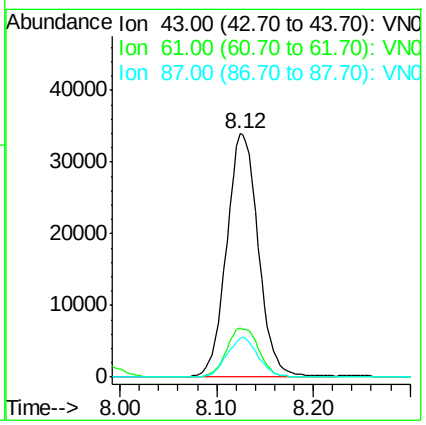


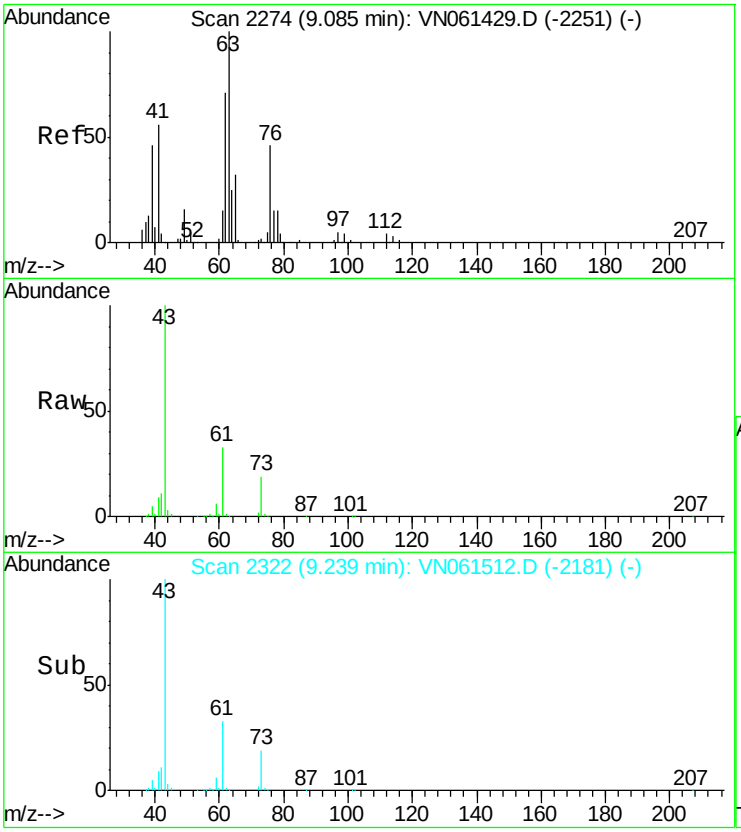


#43
Isopropyl Acetate
Concen: 10.472 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 43 Resp: 77262

Ion	Ratio	Lower	Upper
43	100		
61	20.3	23.0	34.4#
87	15.9	11.6	17.4



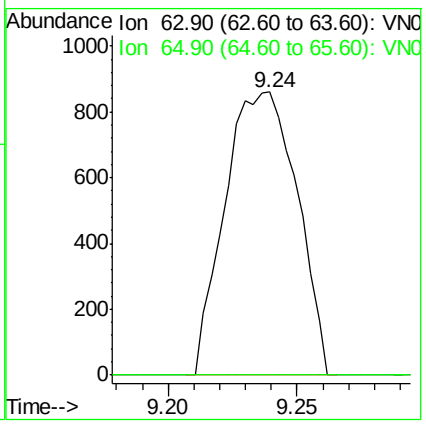


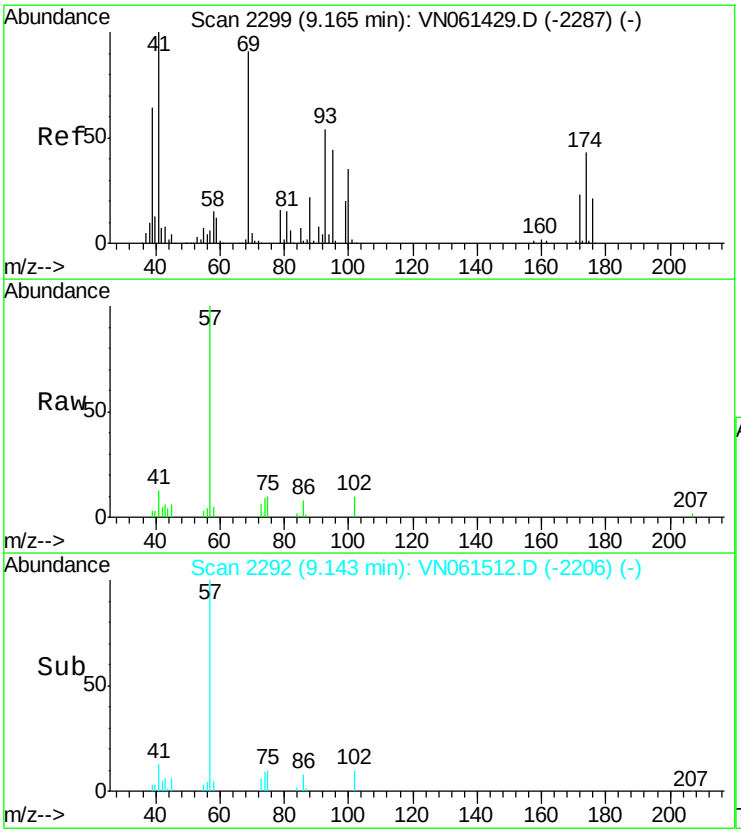
#45
1,2-Dichloropropane
Concen: 0.475 ug/l
RT: 9.24 min Scan# 2322
Delta R.T. 0.15 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument : MSVOA_N
ClientSampleId : PB129002ZHE#01

Tgt Ion: 63 Resp: 1671

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.2	37.8#

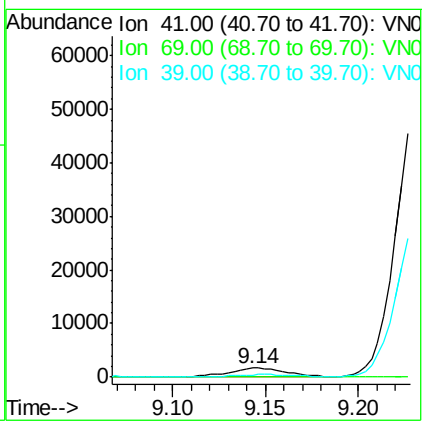


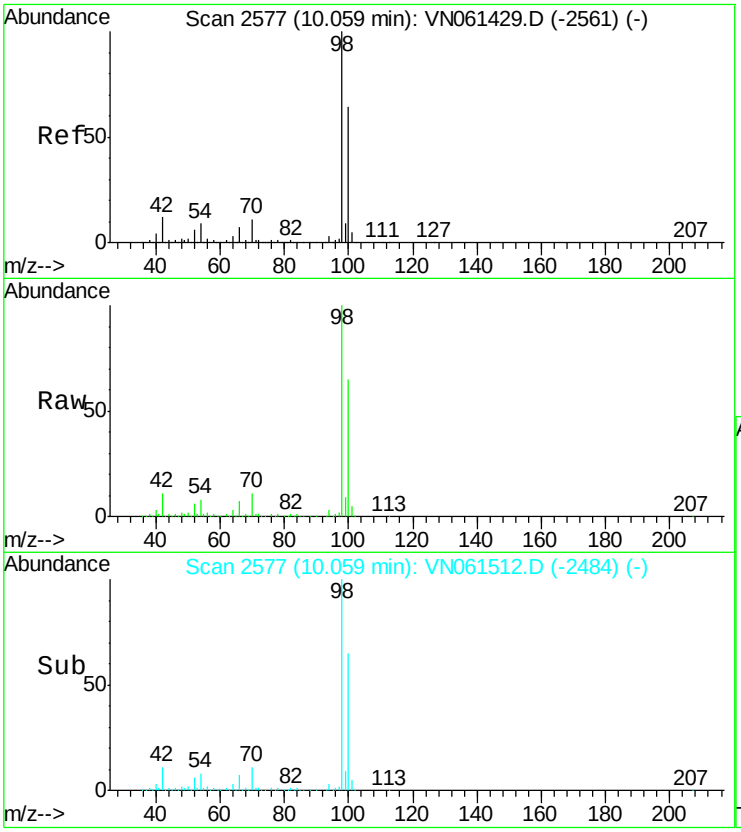


#48
Methyl methacrylate
Concen: 1.077 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.02 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 41 Resp: 3670

Ion	Ratio	Lower	Upper
41	100		
69	0.0	75.3	112.9#
39	0.0	52.6	79.0#



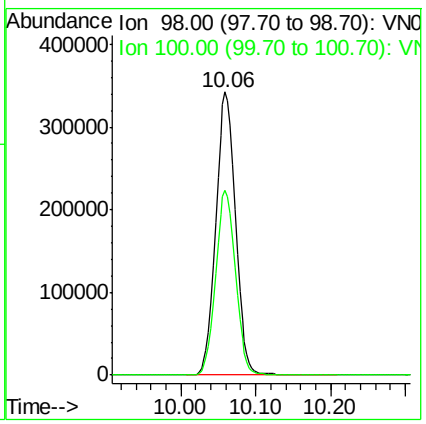


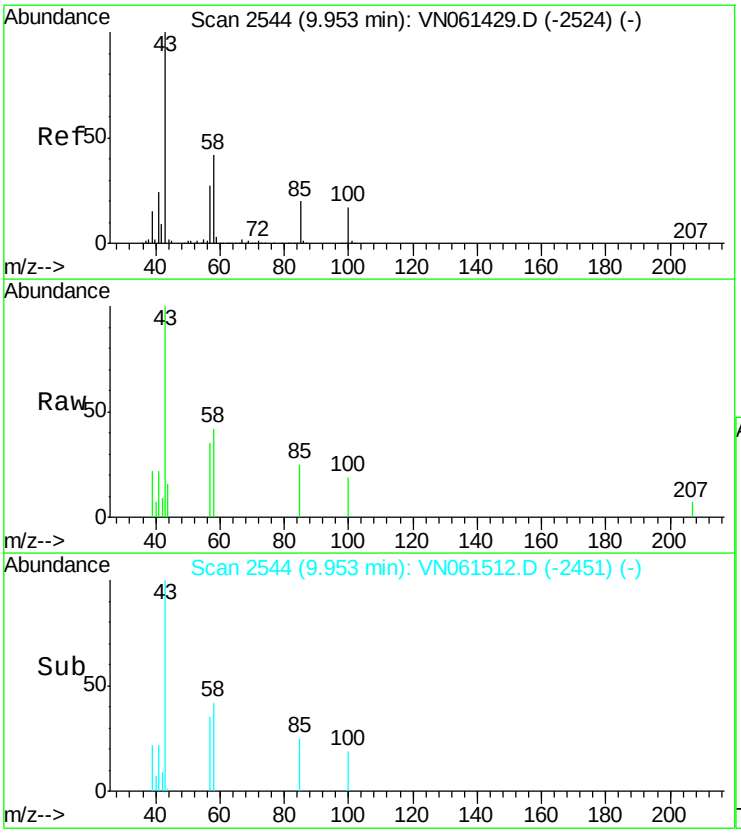
#50
Toluene-d8
Concen: 51.619 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument : MSVOA_N
ClientSampleId : PB129002ZHE#01

Tgt Ion: 98 Resp: 625695

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.8

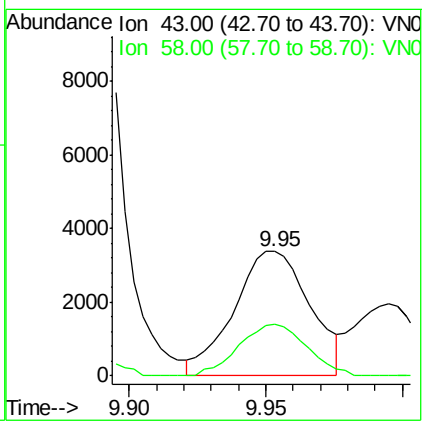


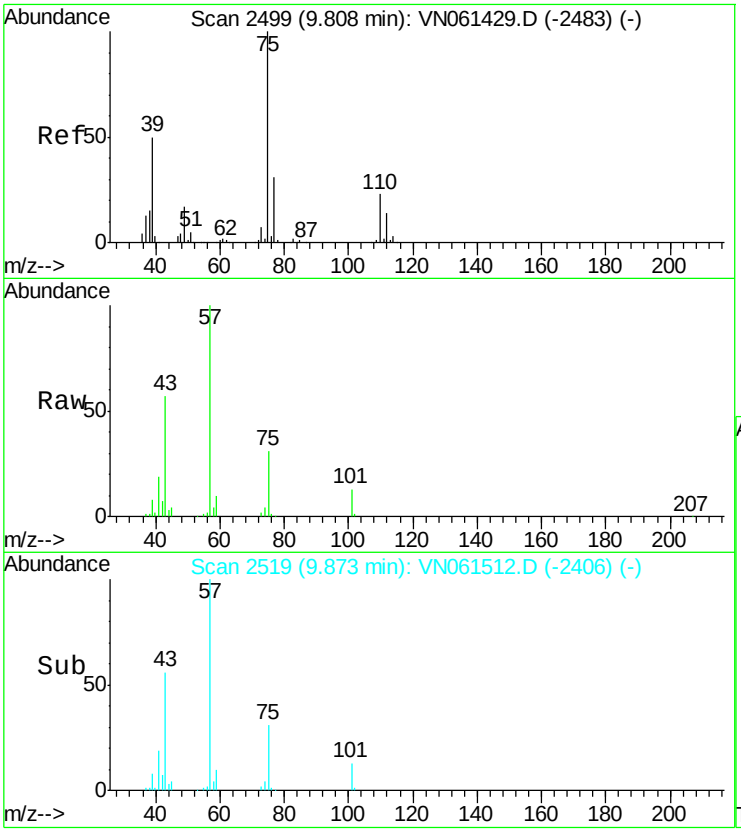


#51
4-Methyl-2-Pentanone
Concen: 1.630 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 43 Resp: 6552

Ion	Ratio	Lower	Upper
43	100		
58	37.2	33.4	50.2



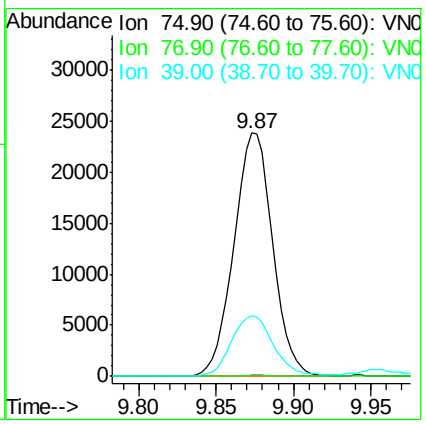


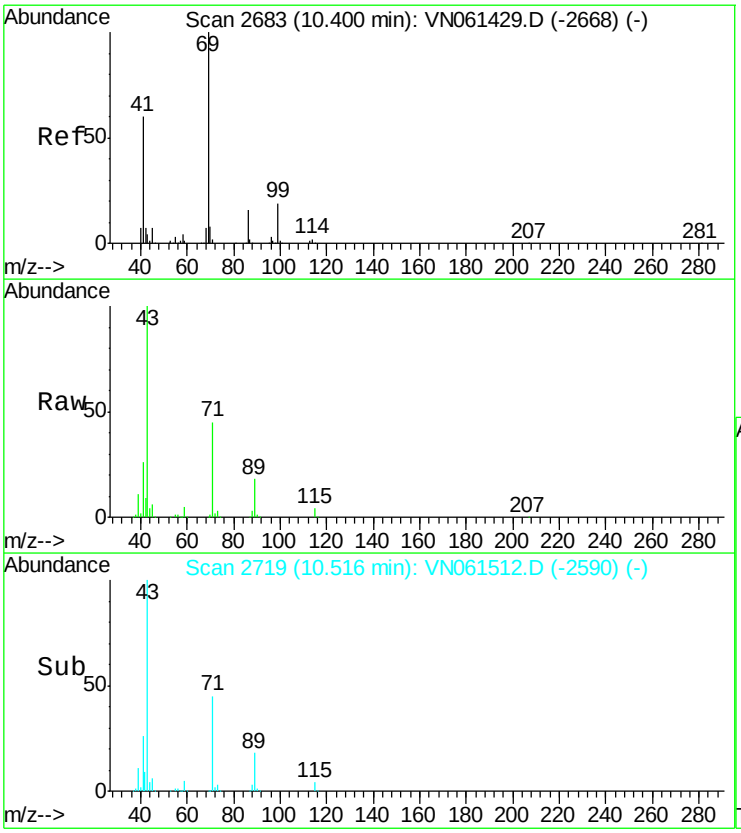
#54
cis-1,3-Dichloropropene
Concen: 6.875 ug/l
RT: 9.87 min Scan# 2519
Delta R.T. 0.06 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument : MSVOA_N
ClientSampleId : PB129002ZHE#01

Tgt Ion: 75 Resp: 41626

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.8	37.2#
39	25.0	39.8	59.6#

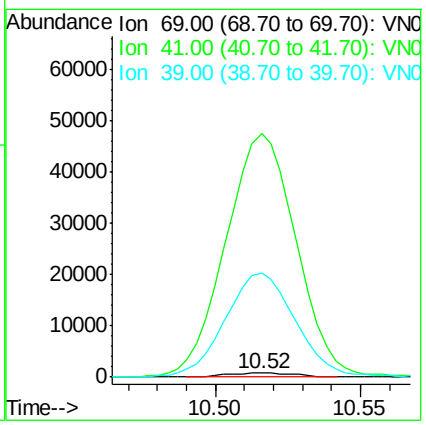


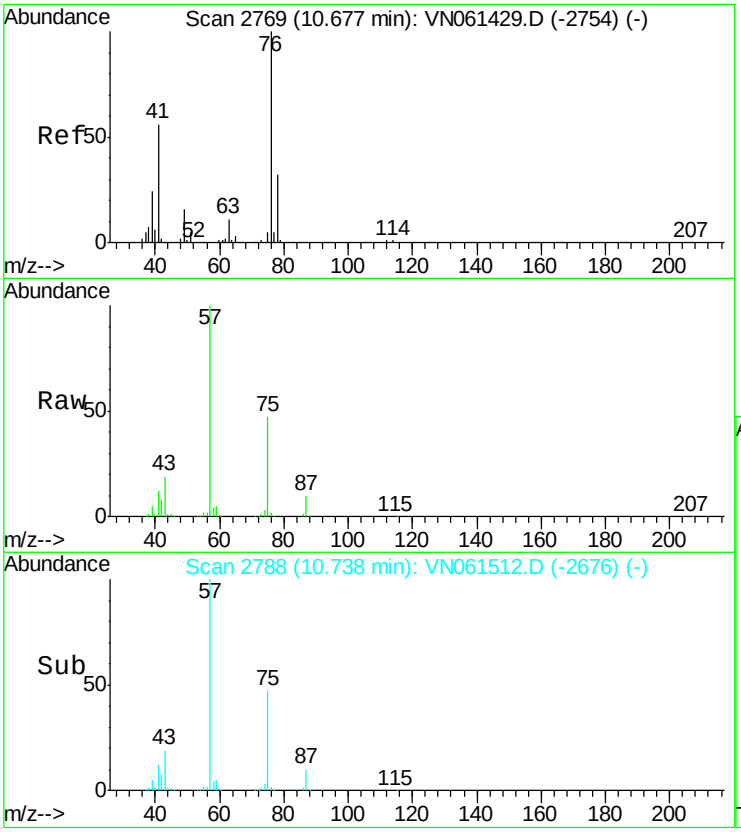


#56
Ethyl methacrylate
Concen: 0.243 ug/l
RT: 10.52 min Scan# 2719
Delta R.T. 0.12 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 69 Resp: 1298

Ion	Ratio	Lower	Upper
69	100		
41	6193.3	48.3	72.5#
39	2633.3	30.2	45.2#



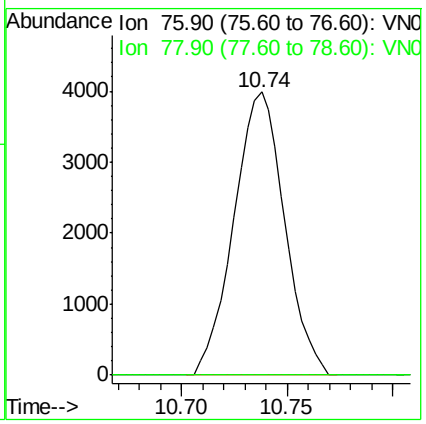


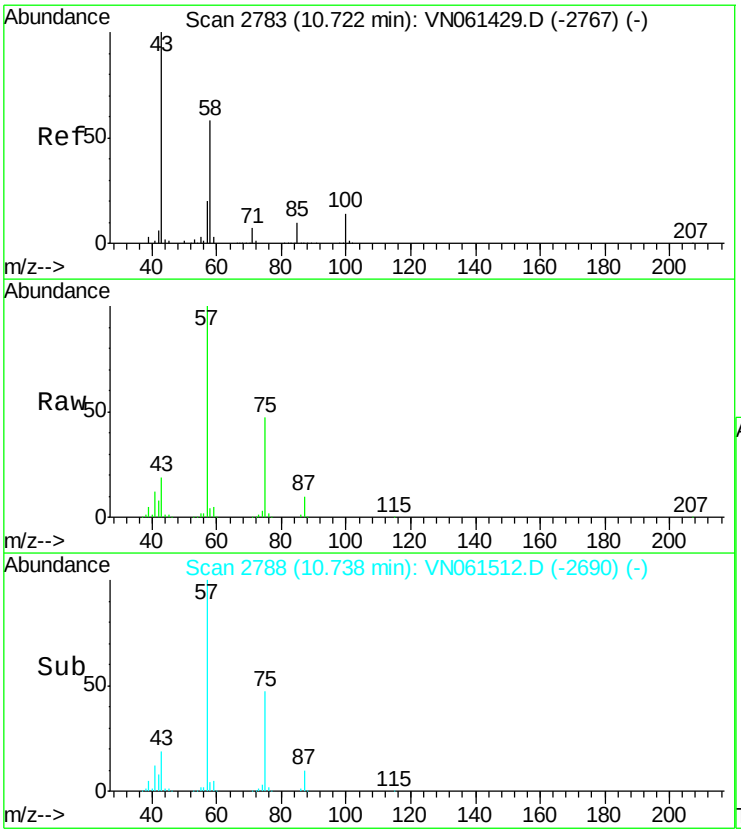
#57
1,3-Dichloropropane
Concen: 1.128 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.06 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion: 76 Resp: 6653

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

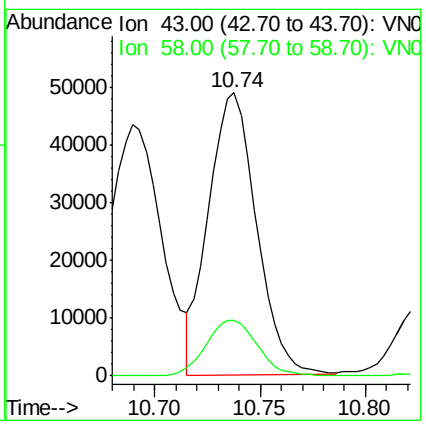


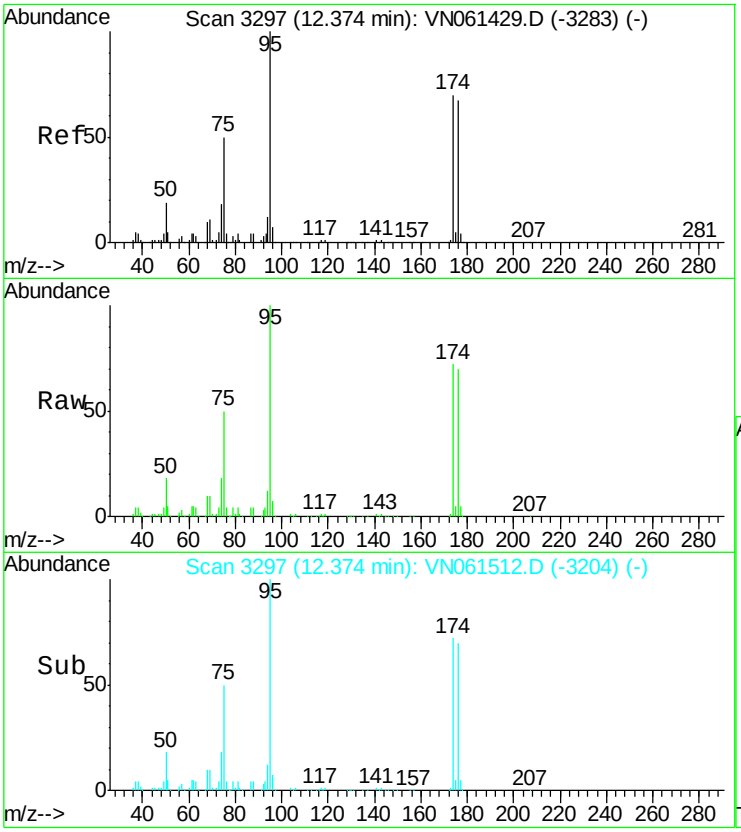


#59
2-Hexanone
Concen: 26.646 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 43 Resp: 77482

Ion	Ratio	Lower	Upper
43	100		
58	21.1	29.2	87.6#



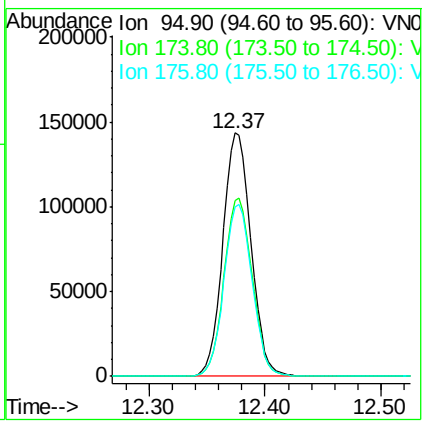


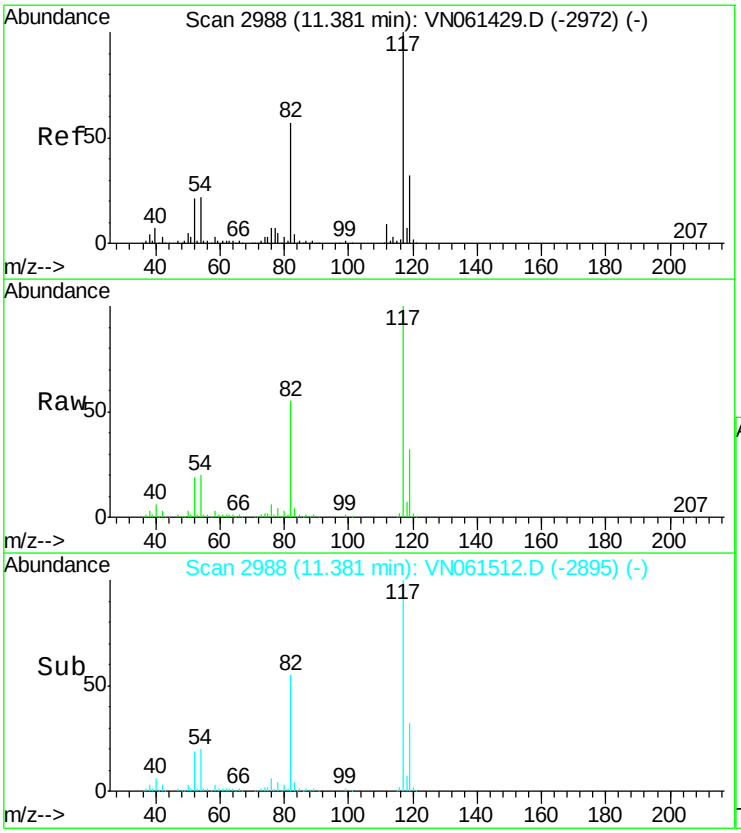
#62
4-Bromofluorobenzene
Concen: 53.449 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion: 95 Resp: 242052

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	141.2
176	70.6	0.0	137.6

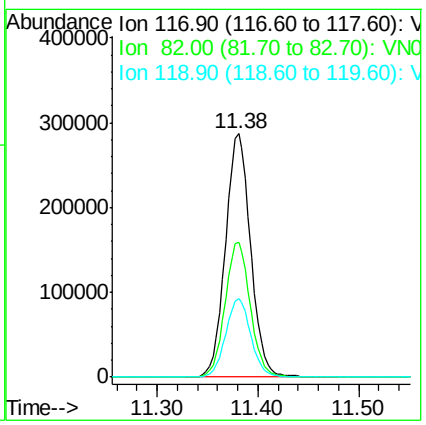


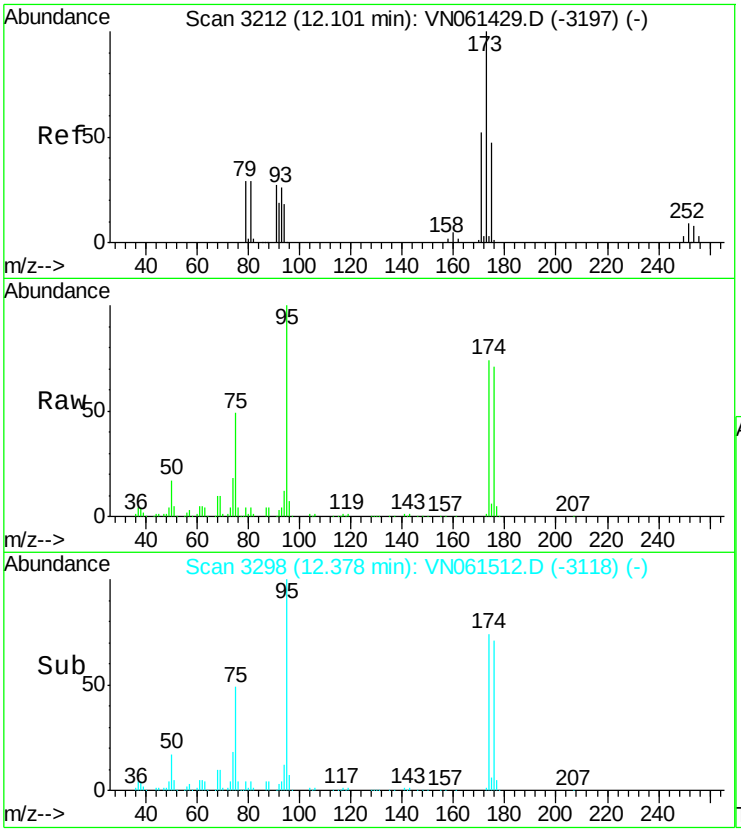


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion:117 Resp: 499826

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.2	67.8
119	32.2	25.3	37.9



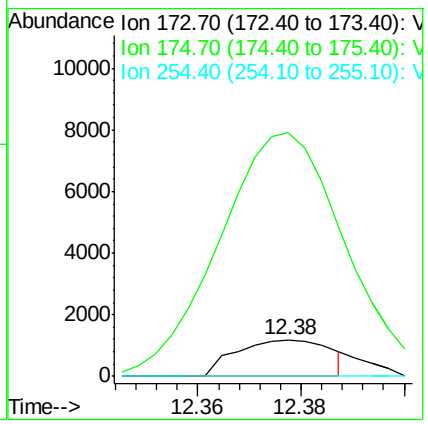


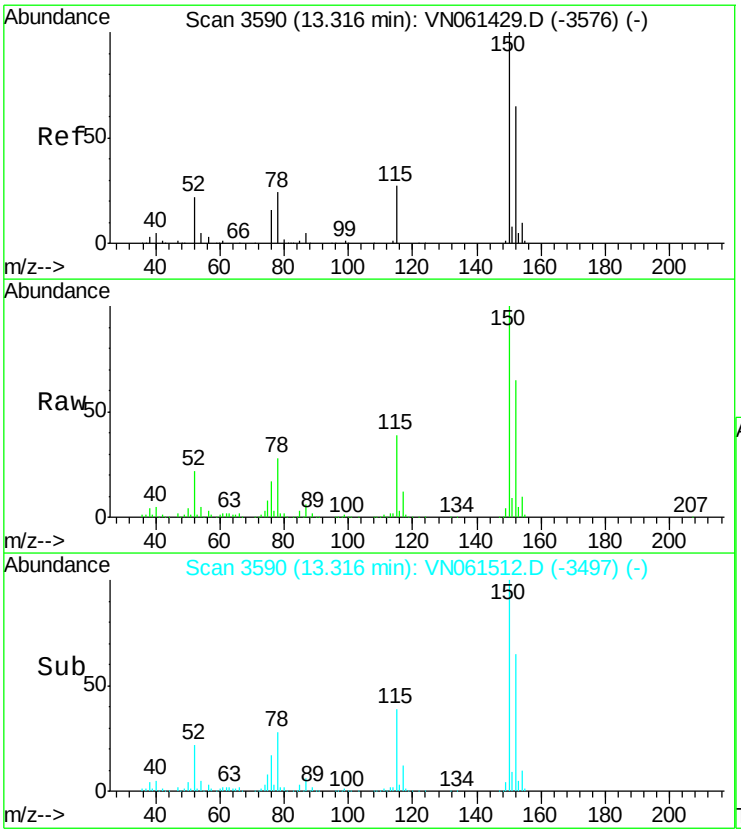
#71
Bromoform
Concen: 2.527 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion:173 Resp: 1500

Ion	Ratio	Lower	Upper
173	100		
175	772.5	23.9	71.8#
254	0.0	0.0	0.0

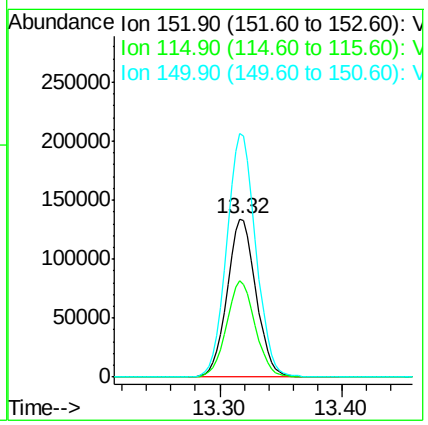


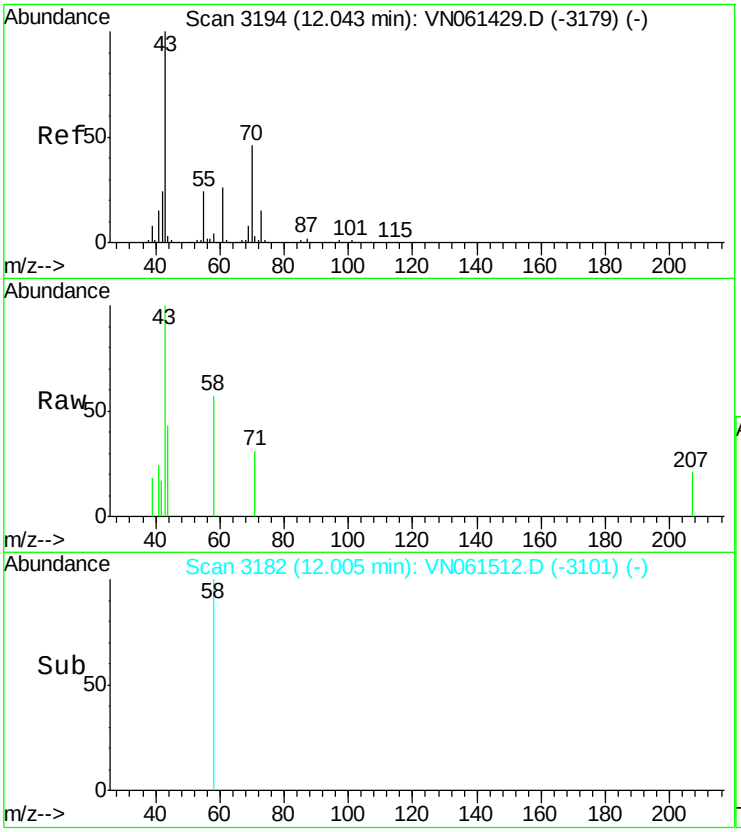


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion:152 Resp: 221808

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.9	92.5
150	155.6	0.0	349.2



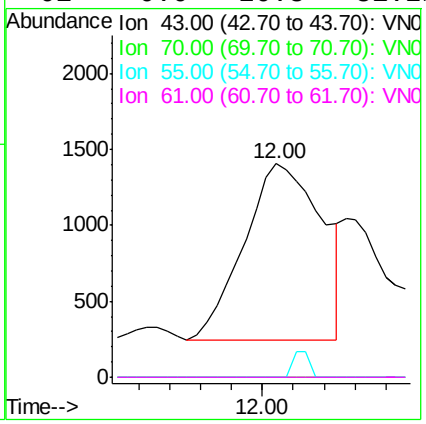


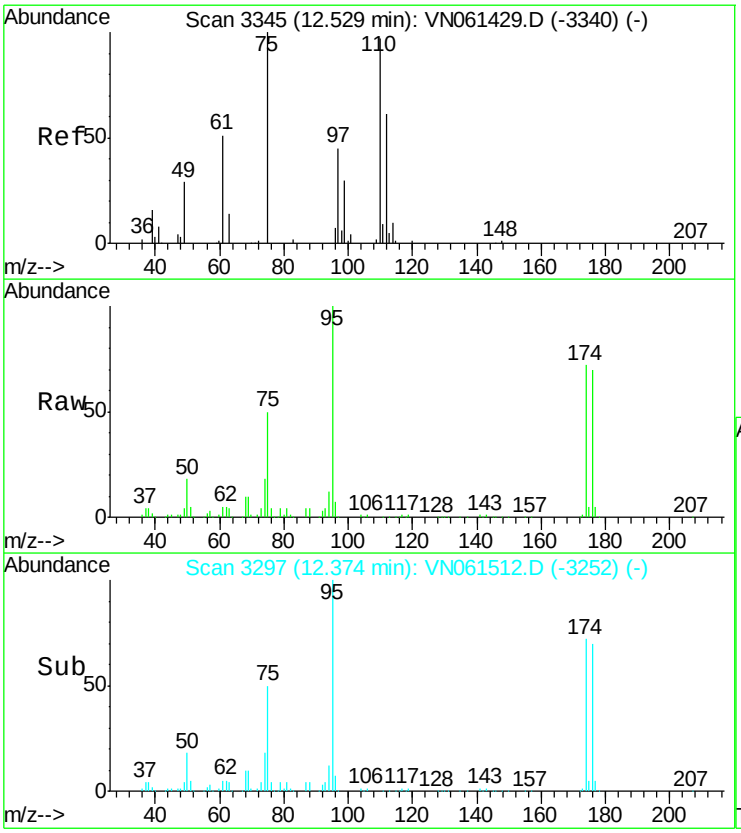
#74
N-amyl acetate
Concen: 0.312 ug/l
RT: 12.00 min Scan# 3182
Delta R.T. -0.04 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument : MSVOA_N
ClientSampleId : PB129002ZHE#01

Tgt Ion: 43 Resp: 2033

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.0	55.4#
55	3.2	19.5	29.3#
61	0.0	20.8	31.2#

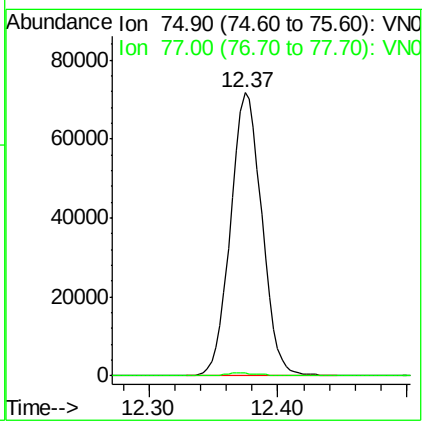


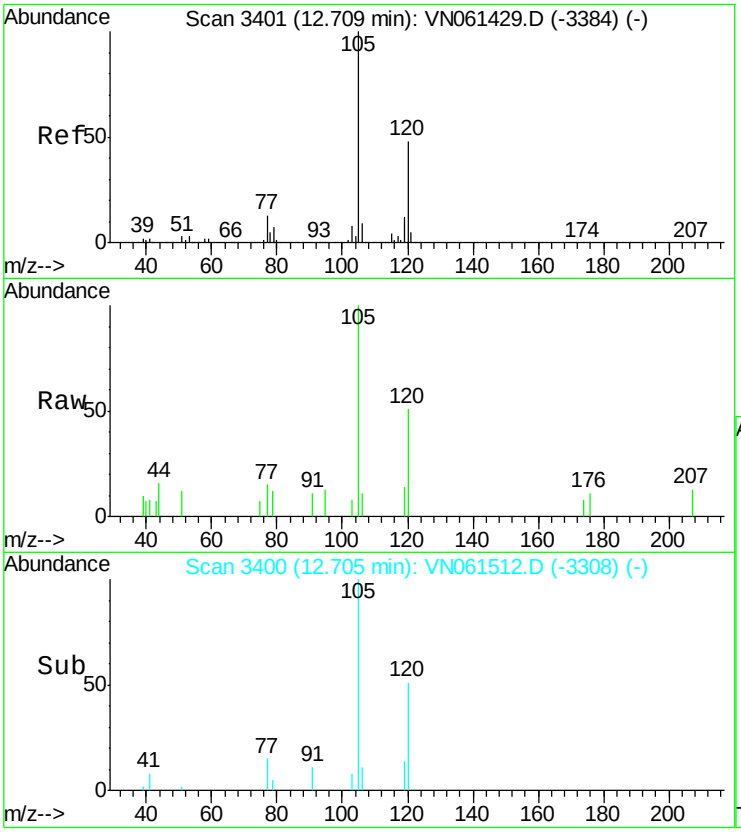


#76
1,2,3-Trichloropropane
Concen: 25.431 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.15 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 75 Resp: 121035

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



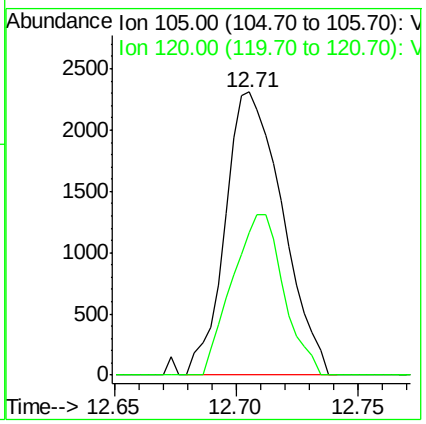


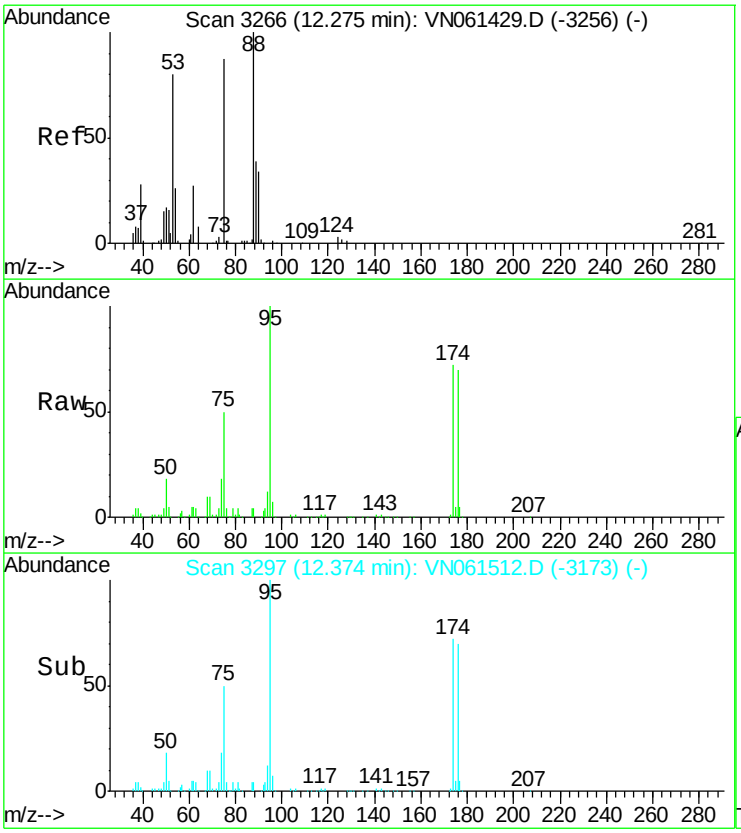
#80
1,3,5-Trimethylbenzene
Concen: 0.259 ug/l
RT: 12.71 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tgt Ion:105 Resp: 3771

Ion	Ratio	Lower	Upper
105	100		
120	50.8	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 67.461 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion: 75 Resp: 121035

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.2	112.8#
89	0.0	38.2	57.4#